



# भारत का राजपत्र The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Kolkata, the 7th August 2004

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Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
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Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamil Nadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax Nos. (044) 2431 4750/4751.  
E-mail. patentchennai@vsnl.net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India

Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-mail. patentin@vsnl.com  
patindia@giascl01.vsnl.net.in

Website : http://www.Ipindia.nic.in

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### पेटेंट कार्यालय

एकस्व तथा अधिकल्प

कोलकाता, दिनांक 7 अगस्त 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता : "पेटेफिस"

फोन : (022) 2492 4058, 2496 1370, 2492 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,

गुना कम्प्लेक्स, छत्र तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।  
तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6ठा व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giascl01.vsnl.net.in

वेब साइट : http://www.Ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002  
अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण  
या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित  
कार्यालय में ही ग्रहण किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से  
नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा  
सकती है ।

## Application for the patent filed at The Patent Office, Kolkata.

From 19-05-2004 to 09-07-2004

261/KOL/2004	BORGWARNER INC.; ; "DIFFERENTIAL PINION HAVING A GROOVED BORE."
262/KOL/2004	DR. TAPAN KUMAR CHATTERJEE; West Bengal, India; "A UNIQUE ANTI- INFLAMATORY FORMULATION FROM EXTRACTS OF POLYHERBAL ACTIVE INGREDIENTS PANEKURE."
263/KOL/2004	TDK CORPORATION; , 19/09/1997, Japan; "AN OXIDE MAGNETIC MATERIAL."
264/KOL/2004	TDK CORPORATION; , 19/09/1997, Japan; "MAGENT POWDER ,A SINTERED MAGNET AND A MAGNETIC RECORDING MEDIUM."
265/KOL/2004	EXON SCIENCE INC.; , 20/05/2003, China; "CAR DOOR HANDLE MODULE."
266/KOL/2004	RAHEE INDUSTRIES LTD.; West Bengal, India; "AN IMPROVED RAHEE BRAND FASTENING SYSTEM FOR RAILWAY TRACK ON GIRDER BRIDGES"
267/KOL/2004	STARMEGA CORPORATION; , 10.09.1999, United States of America; "A MEMBRANE AND A METHOD FOR FORMING NANOWINDOWS IN A SUBSTRATE"
268/KOL/2004	INNOVA PATENT GMBH; , 4.12.2003, Austria; "SYSTEM FOR CONVEYING GOODS WITH A SELF-CONTAINED CONVEYOR BELT"
269/KOL/2004	TSUKISHIMA KAIMAI CO. LTD.; , 30.05.2003, Japan; "SUSPENDED CENTREIFUGE AND DRIVE CONTROL METHOD FOR MOTOR OF SUSPENDED CENTRIFUGE"
270/KOL/2004	LG ELECTRONIC INC.; , 14.11.2003, 14.11.2003, Korea; "COMPRESSOR"
271/KOL/2004	SUZUKI MANUFACTURING LTD.; , 7.7.2000, 24.10.2000, 20.11.2001, Japan; "A CUTTER DRIVE MECHANISM FOR SEWING MACHINE"
272/KOL/2004	INDIAN INSTITUTE OF TECHNOLOGY; West Bengal, India; "A SYSTEM FOR EXTRACTION OF ESSENTIAL OIL FROM PLANTS/PARTS THEREOF BEARING ESSENTIAL OIL"
273/KOL/2004	THE BABCOCK AND WILCOX COMPANY. & BLASCH PRECISION CERAMICS INC.; , 29/05/2003, United States of America; "BUBBLE CAP ASSEMBLY."
274/KOL/2004	LALIT MAHAJAN; West Bengal, India; "MULTI CHAMBERED CAPD (CONTINUOUS AMBULATORY PERITONEAL DIALYSIS) BAG."
275/KOL/2004	LALIT MAHAJAN ; West Bengal, India; "BREAK-AWAY VALVE."
276/KOL/2004	LALIT MAHAJAN ; West Bengal, India; "MEDICATION /SAMPLING PORT."
277/KOL/2004	AGOURON PHARMACEUTICALS INC.; , 21/10/1999, United States of America; "A METHOD FOR THE PREPARATION OF AN OXAZOLINE FROM A TETRAHYDROFURAN."
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	States of America; "A METOD FOR TLHE PREPARATION OF A CHIRAL AMINO TETRAHYDROFURAN OR ;A SALT THEREOF.."
279/KOL/2004	AMERICA ONLINE INC.; , 04/02/2004, United States of America; "FACILITATING INSTANT MESSAGINGH OUTSIDE OF USER -DEFINED BUDDY GROUP IN A WIRELESS AND NON-WIRELESS ENVIRONMENT ."
280/KOL/2004	AMERICA ONLINE INC.; , 09/02/2004, United States of America; "KEYBOARD SYSTEM WITH AUTOMATIC CORRECTION."
281/KOL/2004	LIFESCAN INC.; , 28/08/2003 06/06/2003, United States of America; "DEVICES SYSTEMS AND METHODS FOR EXTRACTING BODILY FLUID AND MONITORING AN ANALYTE THEREIN."
282/KOL/2004	HEWLETT- PACKARD DEVELOPMENT COMPANY L.P.; , 03/06/2003, United States of America; "A STRUCTURALLY YIELDABLE FUEL CELL SEAL."
283/KOL/2004	HEWLETT- PACKARD DEVELOPMENT COMPANY L.P.; , 16/06/2003, United States of America; "SHEET MEDIA INPUT STRUCTURE FOR A SEET MEDIA PROCESSING DEVICE."
284/KOL/2004	INDIAN INSTITUTE OF TECHNOLOGY.; West Bengal, India; "INTEGRATED COMPOSITE ANTHROPOMETER."
285/KOL/2004	NIPPON SHOKUBAI CO. LTD.; , 5.06.2003, Japan; "METHOD FOR PRODUCTION OF (METH) ACRYCLIC ACID"
286/KOL/2004	NIPPON SHOKUBAI CO, LTD.; , 5.06.2003, Japan; "METHOD FOR PRODUCTION OF ACRYCLIC ACID"
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288/KOL/2004	HASEGAWA TOM HIROSHI; , 19.12.2003, United States of America; "A SAFETY CAP OFR THE PRESSURE RELEASE VALVE OF A PRESSURE COOKER AND PRESSURE COOKER USING THE SAME"
289/KOL/2004	INDIA INDUSTRIAL ENTERPRISES; , India; "AN IMPROVED PROCESS TO PRODUCE CONSISTENT QUALITY AND HIGH CALORIFIC VALUE GAS OR USE IN FURNACES"
290/KOL/2004	SANGEETA BANERJEE; , India; "SHUMIKA ELECTRO MAGNETIC RINGS"
291/KOL/2004	C.Y. CHUNG; ; "INVISIBLE ZIPPER HAVING ORNAMENTAL SLIDER BODIES"
292/KOL/2004	REIL VLADIMIR; , 17.10.2000 & 14.08.2001, United States of America; "AN EARRING CARTRIDGE"
293/KOL/2004	REIL VLADIMIR; , 17.10.2000, 14.08.2001, United States of America; "AN EARRING NUT"
294/KOL/2004	SAMSUNG ELECTRONICS CO. LTD.; , 23.05.98, Korea; "A CARTRIDGE FOR AN INFORMATION RECORDING MEDIUM"
295/KOL/2004	SAMSUNG ELECTRONICS CO. LTD.; , 23.05.98, 26.08.98 & 9.09.98, Korea; "A CARTRIDGE FOR AN INFORMATION RECORDING EMDIUM AND A METHOD FOR INSERTING AN INFORMATION RECORDING MEDIUM INTO A

	CARTRIDGE"
296/KOL/2004	RICH ELECTRIC WIRE & CABLE CO. , LTD.; ; "ELECTRICAL CONNECTOR"
297/KOL/2004	SECALT S.A.; , 13.06.2003, Luxembourg; "SHISTING AND STABILIZATION SYSTEM FOR SUSPENDED LOADN SUPPORT"
298/KOL/2004	SERVICIOS INDUSTRIALES PENOLES S.A. DE C.V. ; , 18/06/2003, Brazil; "A LONG TERM-STABILIZED SUSPENSION FOR COVERING IRON MINERAL AND A PROCESS FOR ITS PRODUCTION ."
299/KOL/2004	VOITH SIEMENS HYDRO POWER GENERATION GMBH & CO . KG.; , 06/06/2003, Germany; "ROTOR WHEEL FOR A FRANCIS TURBINE."
300/KOL/2004	Ujjwal Mukherjee; , India; "A method of production of a liquid "Tamixize-1" by the application of which in textile sizing with starch no other chemcials are required to add with and dry starch film can restore its elongation property without loosing its strenght."
301/KOL/2004	ZTE CORPORATION; ; "EQUIPEMNT AND METHOD OF CALL ADMISSION IN CDMA BASED SYSTEM"
302/KOL/2004	MONTELL TECHNOLOGY COMPANY.; ; "MAGNESIUM DICHLORIDE-ALCOHOL ADDUCTS. PROCESS FOR THEIR PREPARATION AND CATALYST COMPONENTS OBTAINED THEREFROM."
303/KOL/2004	FIANARA INTERNATIONAL B.V.; , 30/06/2003, Switzerland; "COFFEE GRINDER ASSEMBLY FOR COFFEE MACHINE"
304/KOL/2004	SHYAMAL KUMAR ROY , A-9/149, KALYANI (ROY BARI) ,P.O.-KALYANI , DIST-NADIA, PIN-741235, WEST BENGAL.; West Bengal, India; "ENERGY SAVING AUTOMATIC DRINKING WATER BOILING APPARATUS"
305/KOL/2004	CHENG-HSIAN CHI.; ; "METHOD FOR MAKING AN ARTICLE OF FOOTWEAR."
306/KOL/2004	TRIMEC TECHNOLOGY LIMITED.; , 12/06/2003, Australia; "IMPROVED LOCK FOR BI-DIRECTIONAL DOORS."
307/KOL/2004	KABUSHIKI KAISHA MORIC.; , 10/06/2003 05/06/2004, Japan; "INSULATOR FOR ARMATURE."
308/KOL/2004	KABUSHIKI KAISHA MORIC.; , 10/06/2003 03/06/2004, Japan; "COIL TERMINAL CIRCUIT STRUCTURE FOR ROTARY ELECTRICAL DEVICE."
309/KOL/2004	PRADIP KUMAR BARUA AND DR.(MRS.) BINAPANI BARUA. ; Assam, India; "PROCESS FOR PREPARATION OF HERBAL HAIR TREATMENT COMPOSITIONS AND A PRODUCT THEREOF."
310/KOL/2004	MAYUR ELECTRO-CERAMICS PVT LTD .; Orissa, India; "A STYTEM FOR BATCH PRODUCTION OF SPONGE IRON FROM IRON ORE AND A METHOD FOR PRODUCING SPONGE IRON USING SUCH SYSTEM."
311/KOL/2004	DR. KAMAL KANTI GOSWAMI ; West Bengal, India; "NEW POLYMER SHEET AND METHOD OF BACKING CARPET OR SUCH THICK FABRIC MATERIAL WITH THE NEW POLYMER SHEET."

312/KOL/2004	TOKYO GAS LTD. AND SANYO ELECTRIC CO. LTD. AND SANYO ELECTRIC AIR CONDITIONING CO. LTD.; , 18/06/2003, Japan; "SINGLE AND DOUBNLE EFFECT ABSORPTION REFRIGERATING MACHINE AND CONTROL METHOD OF OPERATION THEREOF."
313/KOL/2004	VETROTEX FRANCE S.A.; , 29/10/1996, France; "SIZED GLASS FIBRES INTENDED FOR REINFORCING POLYMERS."
314/KOL/2004	ALUMINIUM RHEINFELDEN GMBH.; ; "CASTING ALLOY."
315/KOL/2004	DEGUSSA AG; , 20/06/2003, Germany; "ORGANOSILICON COMPOUNDS"
316/KOL/2004	COPELAND CORPORATION; , 20/06/2003, United States of America; "PLURAL COMPRESSORS"
317/KOL/2004	PGS AMERICAS, INC.; , 16/07/2003, United States of America; "METHOD FOR SEISMIC EXPLORATION UTILIZING MOTION SENSOR AND PRESSURESENSOR DATA."
318/KOL/2004	KABUSHIKI KAISHA MORIC; , 17/06/03 & 10/06/04, Japan; "BRUSH TYPE DC ELECTRIC MACHINE"
319/KOL/2004	PGS AMERICAS, INC.; , 30/07/2003, United States of America; "METHOD FOR SEPARATING SEISMIC SIGNALS FROM TWO OR MORE DISTINCT SOURCES"
320/KOL/2004	ALZA CORPORATION; , 15/11/1996, United States of America; "OSMOTIC DELIVERY SYSTEM AND METHOD FOR ENHANCING START-UP AND PERFORMANCE OF OSMOTIC DELIVERY SYSTEMS"
321/KOL/2004	KAWASAKI JUKOGYO KABUSHIKI KAISHA; , 29/03/1999, 29/10/1999, 14/02/2000, Japan; "EQUIPMENT OR DEVICE HAVING A BATTERY OF A THREE-DIMENSIONAL STRUCTURE AS PART OF ITS STRUCTURE"
322/KOL/2004	KAWASAKI JUKOGYO KABUSHIKI KAISHA; , 29/3/1999, 29/10/1999, 14/2/2000, Japan; "AN ALKALI SECONDARY BATTERY"
323/KOL/2004	KAWASAKI JUKOGYO KABUSHIKI KAISHA; , 29/03/1999, 29/10/1999, 14/02/2000, Japan; "A LOCALLY DISTRIBUTED POWER GENERATION METHOD AND DEVICE THEREOF"
324/KOL/2004	KAWASAKI JUKOGYO KABUSHIKI KAISHA; , 29/03/1999, 29/10/1999, 14/02/2000, Japan; "A THREE-DIMENSIONAL BATTERY OF A LAYERED TYPE"
325/KOL/2004	KAWASAKI JUKOGYO KABUSHIKI KAISHA; , 29/03/1999, 29/10/1999, 14/2/2000, Japan; "AN ALKALI PRIMARY BATTERY"
326/KOL/2004	AGRAR CHEMIE AG; , 7/08/2003, Germany; "SEALING DEVICE OFR SEALING JOINTS, AND HOLLOW-PROFILE STRIP THEREFOR"
327/KOL/2004	WYETH; , 27/07/2001, United States of America; "WEST NILE VACCINE"
328/KOL/2004	SAMSUNG ELECTRONICS CO. LTD.; , 17/09/03, Korea; "MOBILE TERMINCAL AND METHOD FOR PROVIDING A USERINTERFACE USING A VOICE SIGNAL"
329/KOL/2004	Prof. HIRANMAY SAHA; , India; "AN INTEGRATED

	PRESSURE AND TEMPERATURE SENSOR BASED ON POROUS SILICON AND PROCESS FOR MAKING THE SAME."
330/KOL/2004	THOMSON LICENSING S.A.; , 2/07/2003, Europe; "METHOD AND DEVICE FOR AUTHENTICATING DIGITAL DATA BY MEANS OF AN AUTHENTICATION EXTENSION MODULE"
331/KOL/2004	ARABINDO CHATTERJEE; , India; "IMPROVEMENTS IN OR RELATING TO PIPE JOINTS OF STUFFING BOX TYPE"
332/KOL/2004	ARABINDA CHATTERJEE; , India; "IMPROVEMENTS IN OR RELATING TO A LOCKED AND SEALED COUPLING FOR PIPES"
333/KOL/2004	STEEL AUTHORITY OF INDIA LIMITED; , India; "AN IMPROVED SYSTEM FOR REGULATION OF WITHDRAWAL & STRAIGHTENING ROLL PRESSURE OFR ENSURING PROPER SECTION SIZE OF CONTINUOUSLY CAST BILLETS"
334/KOL/2004	LALIT MAHAJAN; , India; "CONNECTOR FOR A CAPD BAG"
335/KOL/2004	LALIT MAHAJAN; , India; "CAPD (CONTINUOUS AMBULATORY PERITONEAL DIALYSIS) BAG SYSTEM."
336/KOL/2004	BORGWARNER INC.; , 14/7/03, United States of America; "FRICTION MATERIAL HAVING OIL LOCALIZATION SLOTS"
337/KOL/2004	BORGWARNER INC.; , 11/8/03, United States of America; "ELECTROMAGNETIC CLUTCH ASSEMBLY HAVING SOLENOID TYPE OPERATOR"
338/KOL/2004	BORGWARNER INC.; , 26/8/03, United States of America; "TRANSFER CASE HAVING ELECTROMAGNETIC SYNCHRONIZER AND BRAKE"
339/KOL/2004	BORGWARNER INC.; , 19/09/03, United States of America; "CONTROL SYSTEM FOR INTERACTIVE DRIVELINE AND VEHICLE CONTROL"
340/KOL/2004	BORGWARNER INC.; , 5/02/04, United States of America; "TRANSFER CASE WITH OVERDRIVE/UNDERDRIVE SHIFTING."
341/KOL/2004	STAEDTLER & UJL KG; , 5/7/03, Germany; "CONTROL UNIT FOR CONTROLLING BLOW AND / OR SUCTION INTERVALS FOR CLEANING THE CLOTHING OF A TESTILE COMBINE MACHINE"
342/KOL/2004	UNEX CORPORATION; , 2/02/04, United States of America; "FLUID-OPERATED POWER TOOL"
343/KOL/2004	VIJAY TALWAR; , India; "AN IMPROVED BRIDGE-PIN FOR LOCKING THE BALL-END OF A GUITAR STRING AT THE UNDERSIDE WALL OF GUITAR BODY"
344/KOL/2004	ULTRA MOTOR COMPANY LIMITED; , 4/09/2003, 23/10/2003, Russian Federation; "ELECTRIC MOTOR"
345/KOL/2004	THE TATA IRON AND STEEL COMPANY LIMITED; , India; "AN ON-LINE SYSTEM TO PREDICT THE COILING TEMPERATURE OVER THE LENGHT OF THE COIL ON THE RUN-OUT TABLE OF HOT STRIP MILL"
346/KOL/2004	DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG; , 15/7/03, Germany; "THROUGH-DYEING OF COTTON"



	WARP YARNS WITH INDIGO"
347/KOL/2004	DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG.; , 15/07/03, Germany; "PRODUCTION OF COTTON WARP YEARS HAVING INVERSE DENIM EFFECT"
348/KOL/2004	TRUTZSCHLER GMBH & CO. KG.; , 14/7/03, Germany; "APPARATUS ON A DRAW FRAME FOR TEXTILE FIBRE SLIVERS IN WHICH THE TOP ROLLERS OF THE DRAWING SYSTEM ARE LOADED AND RELIEVED OF LOAD"
349/KOL/2004	HWELETT-PACKARD DEVELOPMENT COMPANY, L.P.; , 10/7/2003, United States of America; "OPTICAL STORAGE MEDIUM WITH OPTICALLY DETECTABLE MARKS"
350/KOL/2004	ATLAS MATERIAL TESTING TECHNOLOGY GMBH; , 24/07/2004, Germany; "CALIBRATING TEMPERATURE SENSORS OF WEATHERING DEVICES BY MEANS OF CONTACTLESS TEMPERATURE MEASUREMENT"
351/KOL/2004	JOHNSON & JOHNSON CONSUMER COMPANIES, INC.; , 27.06.03, United States of America; "HEMOSTATIC CLEANSING SWAB"
352/KOL/2004	EATON CORPORATION; , 11/7/2003, United States of America; "PUMP CONTROL OVERRIDE FOR TANDEM PUMPS"
353/KOL/2004	SIEMENS AKTIENGESSELLSCHAFT; , 16/7/2003, Germany; "METHOD OF OPERATION FOR AN IMAGING MEDICAL INSTALLATION"
354/KOL/2004	NEI LA AUNG MOG; , India; "A PROCESS FOR PRESERVING SEA FOOD AND THE PRODUCT THEREOF"
355/KOL/2004	TORRENT PHARMACEUTICALS LTD.; , India; "IMPROVED PROCESS FOR PREPARATION OF TRANDOLAPRIL"
356/KOL/2004	MC-NEIL-PPC INC.; , 30/6/03, United States of America; "EMPOSSED ABSORBENT ARTICLE"
357/KOL/2004	ETHICON ENDO-SURGERY, INC.; , 23/06/04, 27/6/03, 30/9/03, United States of America; "IMPLANTABLE BAND WITH ATTACHMENT MECHANISM HAVING DISSIMILAR MATERIAL PROPERTIES"
358/KOL/2004	NOVA CHEMICALS (INTERNATIONAL) S.A.; , 15/09/97, Canada; "CATALYST HAVING A KETIMIDE LIGAND"
359/KOL/2004	BIJOY CHAKRABORY; , West Bengal, India; "A REPLACEABLE LED SYSTEM"
360/KOL/2004	STEEL AUTHORITY OF INDIA LIMITED; Jharkhand, India; "MEASUREMENT OF PUSHING CURRENT AND ITS TRANSMISSION THROUGH RADIO COMMUNICATION ILN A COKE OEN BATTERY."
361/KOL/2004	STEEL AUTHORITY OF INDIA LTD., RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, AND A GOVT. OF INDIA ENTERPRISE.; Jharkhand, India; "PLC BASED DATA ACQUISITION AND CONTROL SYSTEM FOR ON-LINE GAS PRESSURE AND DRAUGHT CONTROL IN COKE OVEN BATTERY."
362/KOL/2004	STEEL AUTHORITY OF INDIA LTD., RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, AND A



	GOVT. OF INDIA ENTERPRISE.; Jharkhand, India; "OVEN IDENTIFICATION SYSTEM FOR ON-LINE SCHEDULING OF OVENS IN COKE OVEN BATTERY."
363/KOL/2004	STEEL AUTHORITY OF INDIA LTD.; Jharkhand, India; "A PROCESS FOR THE AUTOMATIC CONTROL OF COKE OVEN BATTERY HEATING."
364/KOL/2004	STEEL AUTHORITY OF INDIA LTD.; Jharkhand, India; "A PROCESS FOR THE DETERMINATION OF COKE READINESS (COKING INDEX) IN A COKE OVEN BATTERY."
365/KOL/2004	BANASRI HAZRA; , India; "NOVEL SEMI-SYNTHETIC BINAPHTHYL QUINONIDS FOR PHARMACEUTICALS APPLICATIONS & PROCESS FOR PREPARATION OF THE SAME."
366/KOL/2004	MCNEIL-PPC. INC.; , 30/6/03, United States of America; "ENHANCED EMBOSING AND RELATED METHODS"
367/KOL/2004	KONINKLIJKE PHILIPS ELECTRONICS N.V. AND KONICA MINOLTA OPTO INC.; , 30/6/03, Japan; "OPTICAL SYSTEM, OPTICAL PICKUP DEVICE RECORDING OR/AND REPRODUCING APPARATUS FOR SOUND AND/OR IMAGE"
368/KOL/2004	MING-JENG SHUE AND DEBORAH HUANG AND PHILLIP SHUE; ; "CANNULA RETRACTABLE MEDICAL COLLECTION DEVICE"
369/KOL/2004	ELECTROSTEEL CASTINGS LIMITED; West Bengal, India; "A NOVEL DEVICE FOR HANDLING LARGE SIZE CEMENT LINES PIPES FOR .....AND OTHER SIMILAR TRANSPORT VEHICLES."
370/KOL/2004	MCNEIL-PPC, INC.; , 30/6/03, United States of America; "DISPOSABLE ABSORBENT ARTICLE"
371/KOL/2004	MCNEIL-PPC, INC.; , 30/06/03, United States of America; "ABSORBENT ARTICLE INCLUDING IN SITU COVER"
372/KOL/2004	JOYDEEP MUKHERJEE; , India; "ISOLATION OF A NEW ANTIMICROBIAL COMPOUND (2,3 DIHYDROXY-4-(2,3,5-TRIHYDROXY-PENTANOYLAMINO)-BUTYRIC ACID 3-[3-2,3-DIHYDROXY-PROPOXYCARBONYL]-2,3-DIHYDROXY-PROPOXYEARBONYL]-2,3-DIHYDROXY-PROPYLESTER"
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374/KOL/2004	PITISETTAKARN, THANYALUK AND PITSETHAKARN, NUNTHA; , 10/10/2003, Tunisia Taiwan Thailand; "TRANSMITTAL LOCK (TYPE I)"
375/KOL/2004	TREDEGAR FILM PRODUCTS CORPORATION; , 2/7/2003, United States of America; "FLEXIBLE FORM FITTING WEB"
376/KOL/2004	BHASKAR ROY CHOUDHURY AND DIBAKAR ROY CHOWDHURY; West Bengal, India; "PROCESS OF PREPARING A MATERIAL FROM KEROSENE FOR DOPING IN PETROL ."
377/KOL/2004	1.BHASKAR ROY CHOUDHURY 2. DIBAKAR ROY CHOWDHURY 3.,SISIR RAY CHAUDHURI ; West Bengal, India; "NEW PROCESS OF MIXING PETROL WITH

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382/KOL/2004	SHUMOV SERGEYI ALEXANDROVICH.; , 01/07/2003, Ukraine; "PORTABLE SURFACE-TO-AIR MISSILE SYSTEM."
383/KOL/2004	FIANARA INTERNATIONAL B.V.; , 17/07/2003, Switzerland; "A FILTER CARTRIDGE FOR A WATER TANK OF A COFFEE MACHINE . "
384/KOL/2004	INDIAN INSTITUTE OF TECHNOLOGY , ; West Bengal, India; "MONEL ALLOY RESISTANT TO STRESS CORROSION CRACK IN HYDROFLUORIC ACID."
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386/KOL/2004	PRASANTA RAY ; West Bengal, India; "A PISTON ASSEMBLY FOR AN ENGINE AND AN ENGINE COMPRISING THE SAME."
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388/KOL/2004	STEEL AUTHORITY OF INDIA LIMITED; Chattisgarh, India; "A DEVICE FOR INSERTION OF CHEST TUBE INTO THE CHEST CAVITY."
389/KOL/2004	INDUSTRIAL TECHNOLOGY INC.; ; "METHOD OF MAKING A PASSIVE MARKER."
390/KOL/2004	SRIBIR SEN; West Bengal, India; "HYDROEFFECTOR A POLLUTION FREE FUEL PRODUCTION PROCESS."
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392/KOL/2004	AFOFINA CHEMICALS INC.; , 30/12/1996, 10/10/1997, United States of America; "A CURING UNSATURATED POLYESTER RESIN COMPOSITION."
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394/KOL/2004	POWER DIGITAL CARD CO. LTD.; ; "MEMORY CARD CAPABLE OF WIRELESS TRANSMISSION."
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396/KOL/2004	BESCO LIMITED.; West Bengal, India; "TWO STAGE SIDE

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403/KOL/2004	HALDEX BRAKE CORPORATION.; , 05/08/2003, United States of America; "COMPRESSED AIR SUPPLY SYSTEM."
404/KOL/2004	JUNKERS JOHN K.; , 16/01/2004, United States of America; "WASHER FASTENER PROVIDED WITH A WASHER METHOD OF AND POWER TOOL FOR FASTENING OBJECTS."
405/KOL/2004	1.MS. SAGARIKA PAL 2. PROF. SATYA RANJAN DEB 3. MR. BIKASH BEPARI 4. MS. MADONA KUMAR. ; West Bengal, India; "IMPROVED ROBOTIC GRIPPER."
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407/KOL/2004	KELLOGG BROWN & ROOT INC.; , 17/07/2003, United States of America; "LOW-AP PURIFIER FOR NITROGEN METHANE AND ARGON REMOVAL FROM SYNGAS."
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411/KOL/2004

AMERICA ONLINE INC.; , 17/03/2004 30/07/2003, United States of America; "SYSTEM AND METHOD FOR DISAMBIGUATING PHONETIC INPUT."

### अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl : G23L – 15/02 F28 D – 17/00 19/00 C03 B 5/237 193701

Int.Cl.<sup>7</sup> : 85 M

Title : A GLASS MAKING FURNACE REGENERATOR HAVING DEVICE FOR TRAPPING IMPURITIES.

Applicant : SAINT-GOBAIN CENTRE DERECHERCHES ET D'ETUDES EUROPEEN , OF LES MIROIRS, 18 AVENUE D'ALSACE, 92400 COURBEVOIE, FRANCE

Inventor : 1. ZANOLI ALAIN.  
2. BOUSSANT-ROUX YVES.  
3. CITTI OLIVIER.

Application no. 624/CAL/2001 FILED ON 05.11.2001

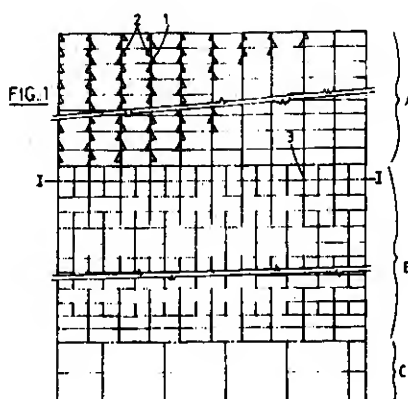
(CONVENTION NO. 0014257 FILED ON 07.11.2000 IN FRANCE.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**9 CLAIMS.**

A glassmaking furnace generator comprising a stack of several rows of refractory members defining a plurality of channels, characterized in that the stack comprises, in the hot gas flow direction, a first zone at the hot gas inlet, for rapidly cooling the hot gases, a second zone, or central zone, for condensing and trapping chemical species which generate dust, and a third zone, at the cooled gas outlet, for evacuating condensates, the rows of stacked refractory members constituting said central zone including at least two adjacent rows whose channels have a projected surface area at least 20% less than those of the channels of the first and third zones.



Complete Specifications : 10 pages.

Drawings: 1 sheets

Ind.Cl : 193702

Int. Cl.<sup>7</sup> : C23C 8/20

Title : A METHOD AND AN APPARATUS FOR CONTROLLING A HEAT TREATMENT FURNACE.

Applicant : DOWA MINING CO. LTD, OF NO,8-2 MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : 1. TAKESHI NAITO. 2. KOUICHI OGIHARA.  
3. AKIHIRO WAKATSUKI. 4. TADANORI NAKAHIRO.  
5. HIDEKI INOUE. 6. YOSHIO NAKASHIMA.

Application no. 227/CAL/1998 FILED ON 12.02.1998

(CONVENTION NO.48,598/97 FILED ON 18.2.1997 IN JAPAN. )

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**14 CLAIMS.**

A method of controlling a heat treatment furnace comprising the steps of carrying out a carburizing while supplying a hydrocarbon series gas and an oxidization gas into the furnace, and stopping the supply of the oxidization gas when the partial pressure of CO in the furnace reaches a predetermined value.

*Complete Specifications : 26 pages.*

*Drawings: 8 sheets*

Ind.Cl : 129 193703  
Int. Cl.<sup>7</sup> : b29d 24/00 23/22  
Title : APPARATUSW FOR THEMANUFACTURE OF DUAL-OR MULTIPLE-CHAMBER TUBES  
Applicant : AISA AUTOMATION INDUSTRIELLE SA, OF ROUTE DESAVOIE, CH-CH-1896, VOUVRY, SWITZERLAND  
Inventor : 1. GERHARD KELLER.  
2. DOMINIQUE FANRE

Application no. 1843/CAL/1997 FILED ON 01.10.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

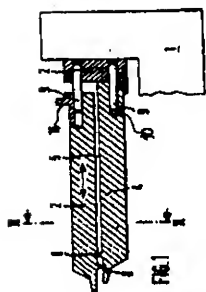
### **15 CLAIMS.**

Apparatus for the manufacture of dual- or multiple-chamber tubes from tube bodies (6, 6', 6''), provided with a tube head with a closeable discharge aperture and with a mandrel disposed in 'the tube body longitudinally characterized in that:

the mandrel is divided into sectional mandrels (3, 4 17a, b, c 21a, b) with a gap therebetween for at least one partition (7, 18, 19, 20) deflectably fixed to the tube inner wall, said sectional mandrels correspond to the number of chambers provided and have a cross section that correspond to the chamber cavity;

at least one auxiliary mandrel (12) coaxially positioned in relation to one of said sectional mandrels (3, 4) for receiving a tube body (6), wherein said auxiliary mandrel (12) comprises at least one axially oriented rebate (13) opened towards the periphery; and

a device for moving at least one section of the deflectable partition (7) into said rebate (13) and for pushing the tube body (6) from said auxiliary mandrel (12) onto said at least one mandrel.



Complete Specifications : 13 pages.

Drawings: 3 sheets



Ind.Cl : 174 E, 174 E 193704

Int. Cl.<sup>7</sup> : F16F

Title : A HYBRID ELASTOMER-AND-METAL SPRING ISOLATOR

Applicant : LORD CORPORATION OF 1952, WEST GRANDVIEW BLVD. ERIE, PA  
16514-0040, USA

Inventor : JAMES T GOVINN

Application no. 346/CAL/97 FILED ON 25.02.1997

(CONVENTION NO.08/618,148 FILED ON 19.3.1997)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

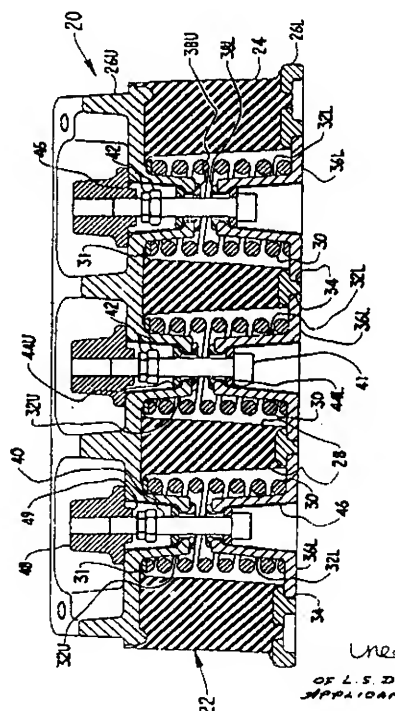
PATENT OFFICE KOLKATA.

### 11 CLAIMS.

A hybrid elastomer-and-metal spring vibration isolator (20) of general utility and with specific utility for supporting a large internal combustion engine (13) and isolating its low frequency vibrations, said isolator comprising:

an elastomeric sandwich mount (22) having a large elastomer section (24) positioned between a first lower metal plate (26L) and a second upper metal plate (26U), said section having a first plurality of cored out metal- spring receiving pockets (28);

a second plurality of metal helical coil springs (30) received in said cored out regions, said second plurality being equal to said first plurality, characterized in that said isolator (20) is provided with a means (40, 48) to preload said elastomer-and-metal spring isolator by an amount between 50% and 100% of a static load to be experienced while supporting said large internal combustion engine.



Complete Specifications : 13 pages.

Drawings: 5 sheets

Ind.Cl : 129J 193705  
Int.Cl<sup>7</sup> : B21D 13/04  
Title : "PROCESS AND APPARATUSES FOR PRODUCING A METAL SHEET WITH A CORRUGATION CONFIGURATION AND A MICROSTRUCTURE DISPOSED TRANSVERSELY WITH RESPECT THERETO."  
Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, D-53797 LOHMAR, GERMANY, A GERMAN COMPANY.  
Inventor : 1. ROLF BRUCK.

Application no. 1559/CAL/97 FILED ON 25/08/97  
CONVENTION APPLIN. NO. 19636367.5 ON 06/09/96 IN GERMANY

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

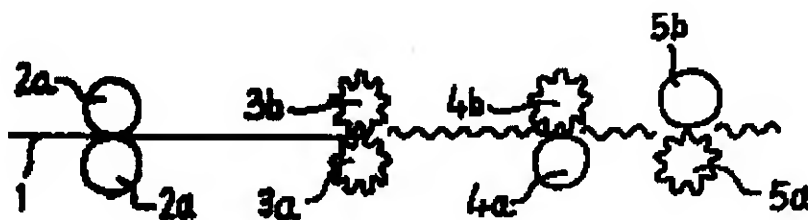
**10 CLAIMS.**

A process for producing a metal sheet (1) with a corrugation configuration which is of a first predetermined corrugation height (A), wherein the metal sheet (1) has transversely or at an angle relative to the corrugation configuration a microstructure (6, 7) of a second, smaller corrugation height (B), characterised by the following steps:

producing the microstructure (6, 7) in an initially uncorrugated metal sheet (1);  
b.feeding the metal sheet (1) to a pair of mutually meshing corrugation rollers (In,

Yb) which have recesses (8) turned in the correct position in relation to the microstructures (6, 7) for receiving the microstructures (6, 7); and

corrugating the sheet strip (1) without pressing the microstructures (6, 7) flat.



**Complete Specifications: 10 pages.**

**Drawings: 1**

Ind.Cl : 62E 193706

Int.Cl.<sup>7</sup> : D06F 39/08

Title : "A WASHING MACHINE COMPRISING A WATER TREATING DEVICE"

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571, JAPAN, A JAPANESE COMPANY.

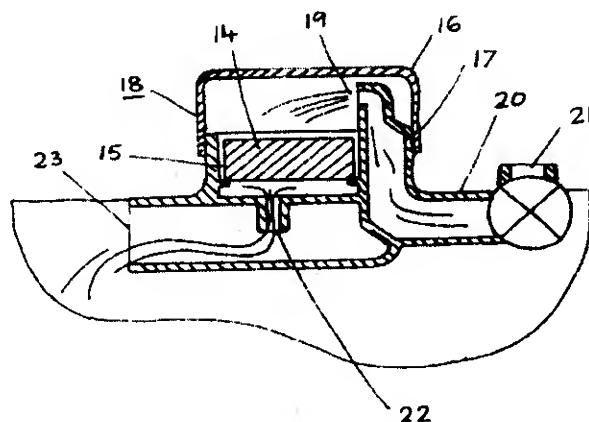
Inventor : 1. SHUNJI IMAI 2. MORIKI FUKUDA 3. SHINICHI KUMAGAKI 4. NORIO OOGI.

Application no. 1322/CAL/97 FILED ON 14/07/97  
CONVENTION APPLN. NO. 8-184578 ON 15/07/96 IN JAPAN

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
PATENT OFFICE KOLKATA.

**15 CLAIMS.**

A washing machine comprising a water treating device having a compartment for accommodating a reducing agent for reducing free chlorine contained in water and a lid for opening and closing the compartment, wherein feed water from water feeding means is poured into a washing tub through the water treating device.



Complete Specifications: 45 pages.

Drawings: 16 sheets

Ind.Cl : 168H 193707

Int.Cl.<sup>7</sup> : G09G 5/00

Title : "DIAL FACE, IN PARTICULAR FOR DISPLAY IN AN ENGINE DRIVEN VEHICLE"

Applicant : MANNESMANN VDO AG., OF KRUPSTRASSE 105, D-60388 FRANKFURT, GERMANY, A GERMAN COMPANY.

Inventor : 1. HANS KURT WEDEL 2. FRANZ JOSEF KABOTH 3. KURT BACH 4. ANDREAS HABENEY 5. MICHAEL HERZOG 6. KLAUS RIETZLER.

Application no. 133/CAL/98 FILED ON 27/01/98  
CONVENTION APPLN. NO. 19705536.2 ON 13/02/97 IN GERMANY

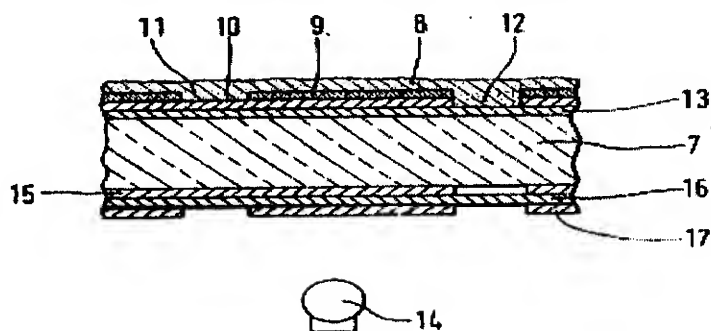
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**23 CLAIMS.**

Dial face, in particular for display in an engine-driven vehicle, with a base surface to which colours are applied to represent at least a single indicative matter selected from a scale, signs, symbols and to cover the areas outside the contours of said indicative matter;

characterized in that the colours of at least a single said indicative matter selected from scale (1-4), signs, symbols consist of a layer system (13,5) of several transparent colour layers coloured, variously and at least partly superimposed.



Complete Specifications: 14 pages.

Drawings: 3 sheets

Ind.Cl : 206E 193708

Int.Cl.<sup>7</sup> : G06F 9/45

Title : "A COMPUTER IMPLEMENTED PROCESS FOR PROCESSING A COMPUTER PROGRAM, AND A COMPUTER SYSTEM AND COMPUTER PROGRAM PRODUCT THEREFOR."

Applicant : SUN MICROSYSTEMS, INC., OF 901, SAN ANTONIO ROAD, PALO ALTO, CALIFORNIA 94303, USA

Inventor : 1. URS HOLZLE 2. ROBERT GREISEMER 3. DAVID GRISWOLD.

Application no. 1761/CAL/98 FILED ON 05/10/98  
CONVENTION APPLN. NO. 08/944,334 ON 06/10/97 IN USA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 23 CLAIMS.

A computer-implemented process for processing a computer program during run-time, the program having byte codes, the computer-implemented process comprising :

invoking a method selected from a plurality of methods, wherein invoking the selected method comprises interpreting the selected method ;

updating an invocation tracker provided to track invocations of the selected method ;

determining when the invocation tracker indicates that the invocations of the selected method exceed a threshold value ; and

compiling the selected method when it is determined that the invocation tracker indicates that the invocations of the selected method exceed the threshold value.

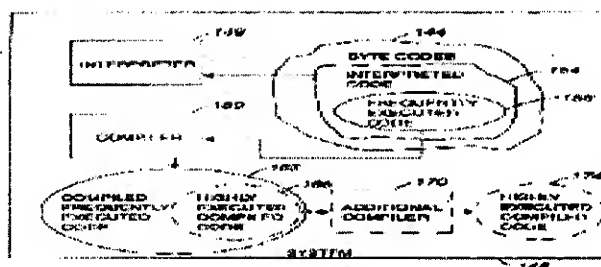


Figure 2a

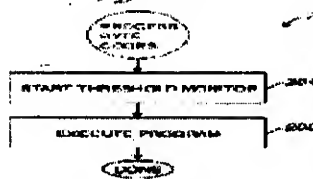


Figure 2b

Ind.Cl : 116H

193709

Int. Cl.<sup>7</sup> : B66D 5/08

Title : "HOLDING BRAKE FOR A TRACTION SHEAVE ELEVATOR."

Applicant : KONE CORPORATION, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF FINLAND, OF KARTANONTIE 1, 00330, HELSINKI, FINLAND.

Inventor : 1. MUSTALAHTI JORMA..

Application no. 525/CAL/99 FILED ON 04/06/99  
CONVENTION APPLN. NO. 981305 ON 08/06/98 IN FINLAND

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

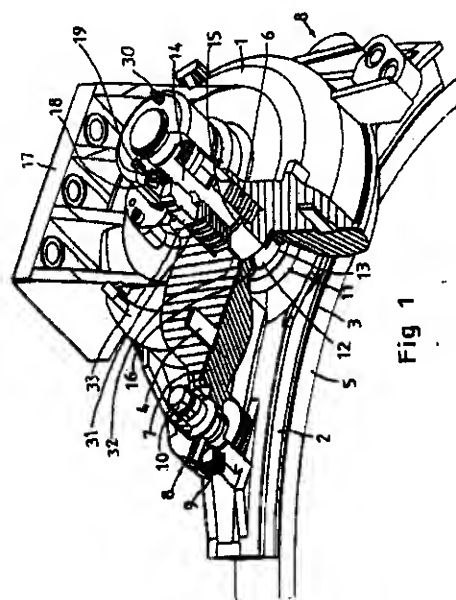
**10 CLAIMS.**

Holding brake for a traction sheave elevator, comprising :

- a brake body (1),
  - a brake shoe (2) attached to the brake body,
  - a retractor (4) for keeping the brake shoe clear of a brake wheel (5), and
  - a mechanical pressure element (6) for pressing the brake shoe against the brake wheel,
- characterized in that

- the holding brake comprises an intermediate frame (7) disposed between the brake body (1) and the brake shoe (2), the pressure element (6) being provided to apply a pressure on the intermediate frame, and in that

- the holding brake comprises adjusting elements (8) between the intermediate frame and the brake shoe to allow adjustment of the position of the brake shoe in relation to the intermediate frame when the air gap (3) between the brake shoe and the brake wheel is being adjusted.



Complete Specifications: 12 pages.

Drawings: 3 sheets

Ind.Cl : 127 I, 63 I

193710

Int. Cl.<sup>7</sup> : F16D 13/04, 15/00, 43/08

Title : "VEHICLE DRIVELINE CLUTCH EMPLOYING BALL RAMP ACTUATOR."

Applicant : EATON CORPORATION, OF EATON CENTER 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114-2584, USA, A CORPORATION ORGANIZED UNER THE LAWS OF THE STATE OF OHIO, USA.

Inventor : 1. ORGANEK GREGORY JOSEPH 2. STEEBY JON ALLEN 3. PRESTON DAVID MICHAEL.

Application no. 603/CAL/97 FILED ON 07/04/97  
CONVENTION APPLN. NO. 8/633,639 ON 17/04/96 IN USA

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

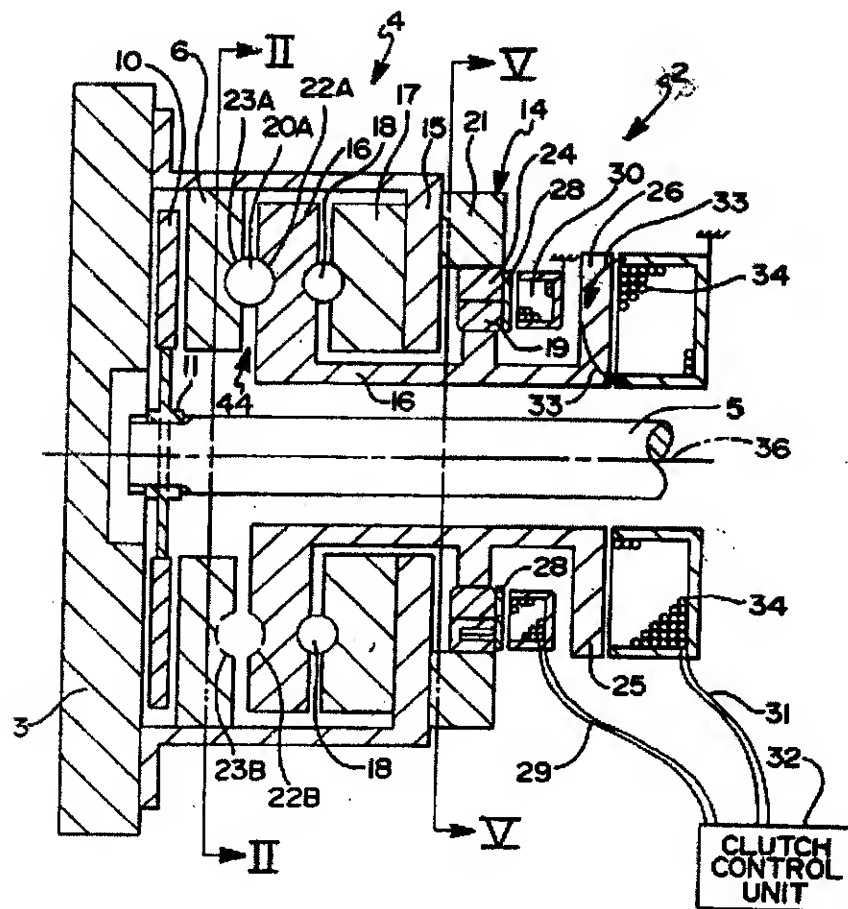
**6 CLAIMS.**

A vehicle driveline clutch (2) employing a ball ramp actuator (4) for coupling a wheel (3) to a transmission input shaft (5) comprising:

- a flywheel (3) rotated about an axis (36) of rotation by an engine;
- a gear change transmission having an input shaft (5) and a housing (15);
- a clutch disc (10) splined to said input shaft (5) and radially extending from said input shaft (5), said clutch disc having friction material on a first surface and a second surface where said first surface frictionally engages said flywheel (3);
- a pressure plate (6,6') encircling said input shaft (5) and nonrotatably slidably coupled to said flywheel (3) and having a first surface for frictionally engaging said second surface of said clutch disc (10);
- a ball ramp actuator (4) for moving said pressure plate (6,6') toward said clutch disc (10) and said flywheel (3) thereby causing said clutch disc (10) to be clamped there between comprising: a plurality of plate grooves (23A,23B,23C) formed in a second surface of said pressure plate (6,6') said plate grooves having portions of varying depth, and rolling members (20A,20B,20C) disposed one in each plate groove, and a control ring (16) encircling said input shaft (5) and disposed adjacent to said pressure plate (6,6'), said control ring (16) having a plurality of ring grooves (22A,22B,22C) formed in a first face thereof, said ring grooves being substantially identical to said plate grooves (23A,23B,23C), said plate grooves opposing said ring grooves with a rolling member (20A) contacting each pair (22A,23B) of opposed ring and plate grooves, said ring grooves (22A,22B, 22C) and said plate grooves (23A,23B, 23C) being arranged so that relative angular movement of said pressure



- plate (6,6') and said control ring (16) results in an increase and a decrease in an axial separation between said pressure plate (6,6') and said control ring (16);
- a thrust bearing (18) aperture to absorb axial thrust loads generated by said control ring (16), said thrust bearing (18) contacting a second face of said control ring (16) and reacting against a housing (15) to said flywheel (3);
  - a control coil (34) for selectively inducing a magnetic field (33) in said control ring (26) thereby magnetically coupling said control ring (16) to a case ground member;
  - a one-way clutch (14) having an inner race (19) attached to said control ring (26) and an outer face (21) attached to said housing (15) adapted to prevent said pressure plate (6,6') from rotating with respect to said control ring (26) in a direction to release said ball ramp actuator (4);
  - a release plate (28) contacting said one-way clutch (14);
  - a release coil (30) for selectively inducing a magnetic field in said release plate (28) thereby releasing said one-way clutch (14) to allow said pressure plate (6,6') to rotate in either a clockwise or counterclockwise direction with respect to said control ring (26).



Ind.Cl : 190 B 193711

Int.Cl.<sup>7</sup> : F01K 23/02, 23/06, F02C 6/18

Title : "GAS-AND STEAM-TURBINE PLANT AND METHOD OF OPERATING SUCH A PLANT."

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF THE WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY, A GERMAN COMPANY.

Inventor : 1. MARTIN KRILL.

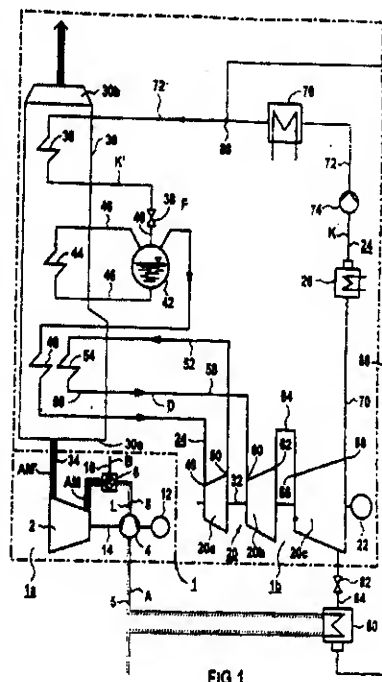
Application no. 1622/CAL/98 FILED ON 10/09/98  
CONVENTION APPLN. NO. 19745272.8 ON 15/10/97 IN GERMANY

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**7 CLAIMS.**

Gas- and steam-turbine plant (1, 1') having a heat-recovery steam generator (30) which is connected downstream of a gas turbine (2) on the flue-gas side and the heating areas of which are connected in the water/steam circuit (24) of a steam turbine (20), a further condenser (80) which can be cooled via intake air (A) to be fed to the gas turbine (2) being connected in parallel on the water/steam side with a main condenser (26) assigned to the steam turbine (20).



Ind.Cl : 32 C 193712  
Int. Cl<sup>7</sup> : C07D 213/02  
Title : "A PROCESS FOR PREPARING A GRANULAR SUPER NUCLEOPHILIC 4-SUBSTITUTED PYRIDINE CATALYST."  
Applicant : REILLY INDUSTRIES, INC. A CORPORATION OF THE STATE OF INDIANA, OF 300 N. MERIDIAN STREET, SUITE 1500, INDIANAPOLIS, INDIANA 46204, USA.  
Inventor : 1. JOE W. CURTIS 2. CHARLES R. HOPPER 3. RAMIAH MURUGAN 4. L. MARK HUCKSTEP 5. MARUDAI BALASUBRAMANIAN 6. JOEL R. CALVIN 7. ERIC F. V. SCRIVEN.  
Application no. : 1341/CAL/98 FILED ON 30/07/98  
CONVENTION APPLN. NO. 60/054,473, 60/055,086, ON 01/08/97 IN USBN.  
RELATED DOCUMENTS : US 3452018, US 3509165, US 5371250

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**42 CLAIMS.**

A process for preparing a granular supernucleophilic 4-(secondary or tertiary)aminopyridine catalyst, comprising:

providing the supernucleophilic catalyst as a molten flowable mass;

extruding said molten flowable mass through an orifice into discrete liquid portions each corresponding to a granule to be formed; and

cooling said discrete liquid portions to form the granular supernucleophilic 4-(secondary or tertiary)aminopyridine catalyst.

Complete Specifications: 48 pages.

Drawings: 2 sheets

Ind. Cl. : 157D<sub>2</sub> 193713  
Int. Cl. : E 01 B 7/22  
TITLE : "ELASTIC RAIL-FASTENING CLIP PARTICULARLY FOR USE IN HOLDING THICK WEB SWITCH STOCK RAIL AND RAILWAY RAIL FASTENING ASSEMBLY WITH SUCH CLIP."  
APPLICANT(S) : RAHEE INDUSTRIES LIMITED, 138 BIPLABI RASH BEHARI BASU ROAD, KOLKATA - 700 001, WEST BENGAL, INDIA, AN INDIAN COMPANY.  
INVENTOR(S) : 1. PAWAN KHAITAN.  
APPLICATION NO. : 791/CAL/97 FILED ON 2 MAY 97.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENT RULES, 2003) PATENT OFFICE, KOLKATA.

### 5 CLAIMS.

An elastic rail-fastening clip (CL), particularly for use in holding thick web switch stock rail on points and crossing assemblies in railway tracks, in operative combination with slide chair having shoulder for fixing of the clip, said clip having been made of a bar of resilient steel, which has been formed and bent so as to have, progressing from one end (E1) of the bar to the other end (E2), a first part (1'), called central leg and constituting a substantially straight leg; a second part, (2') called first coiled zone in the form of a reverse bend extending from the said central leg; a third part (3'), called toe, extending from said second part such that the high points of said second and third parts are substantially at same level; a fourth part (4'), called second coiled zone in the form of another reverse bend, extending from said third part, the portion between the third and the fourth parts being in descending order; and a fifth part (5'), called heel, extending from the said fourth part, such that said heel, being the fifth part, and said toe, being the third part, lie on the opposite sides of the central leg, being the first part, in plan view of the clip; the configuration of the clip being also such that the plane joining the bottom most points of said third and fifth parts, that is, the toe and the heel, are inclined at a predetermined angle to the horizontal plane, so that it does not cut across the first part, being the central leg, and said plane remains tangential to the upper surface of the central leg, and the outer end of the central leg lies outside the fourth part, being the second coiled zone, the latter remaining sufficiently above the central leg, so as to avoid hindrance in driving the clip, whereby the switch stock rail is capable of being held from both inside and outside flange of the railway rail without causing infringement to the switch tongue rail in assembly of said rail, said slide chair and said rail fastening clip; and the said clip being capable of used interchangeably such that both the third and fifth parts thereof, being the toe and the heel respectively, are adapted to hold the rail flange, in the event of the central leg of the clip being driven within the hole of the shoulder mounted on the slide chair.

Complete Specifications : 20 pages.

Drawings : 5 sheets

Ind.CI : 206 A **193714**

Int. CI<sup>7</sup> : H01Q 5/00

Title : "A DUAL BAND ANTENNA FOR A MOBILE COMMUNICATION SYSTEM."

Applicant : SAMSUNG ELECTRONICS CO. LTD., OF 416 MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA, A KOREAN COMPANY.

Inventor : 1. DONG-IN HA 2. SANG-KEUN PARK 3. GOUDELEV ALEXANDRE 4. KRYLOV KONSTANTIN.

Application no. 1323/CAL/97 FILED ON 14/07/97  
CONVENTION APPLIN. NO. 639/1997 ON 13/01/97 IN KOREA.

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**12 CLAIMS.**

A dual band antenna for a mobile communication system,

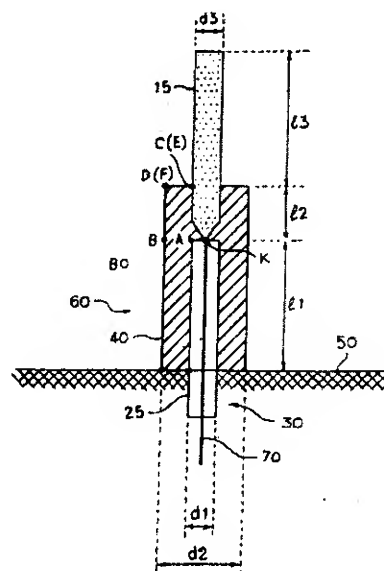
comprising:

a metal tube (40) having an open end;

a coaxial feed line (30) having inner conductor (70) and outer conductor (25), said coaxial feed line (30) having one portion inserted into said metal tube;

a ground plane (50) connected to a portion of said metal tube (40) opposite said open end and to said outer conductor (25) of said coaxial feed line (30); and

a signal line (15, 15') electrically coupled to said inner conductor (70) and protruding from said metal tube (40) at the open end thereof.



*Complete Specifications: 18 pages.*

*Drawings: 7 sheets*

Ind.Cl : 206 B 193715

Int.Cl : H04B 7/26

Title : "METHOD FOR LOW SPEED TRANSMISSION OF DATA IN THE CONNECTION ORIENTED MODLITY IN A DECT SYSTEM."

Applicant : ITALTEL SPA., PIAZZALE ZAVATTARI, 12, 20149 MILAN = ITALY,  
NATIONALITY = ITALY.

Inventor : 1. ROSINA GIANCARLO 2. SALTINI GIORGIO 3. DE CAMILLI GIUSEPPE  
3. PROSERPIO VITTORIO.

Application no. : 1377/CAL/97 FILED ON 23/07/97  
CONVENTION APPLIN. NO. MI96A 001590 ON 26/07/96 IN ITALY

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**1 CLAIMS.**

Method for the low speed transmission of data in the connection oriented modality in a DECT system comprising at least one radio fixed part (RFP) and at least one portable part (PP) in which data transmission is organized in frames having pre-set duration in which a pre-set number of time slots are allocated, each one of said time slots comprises :

a first field(S) comprising useful data for the clock and phase recovery;

a second field (A) for the signalling transmission;

a third field (B) for payload transmission;

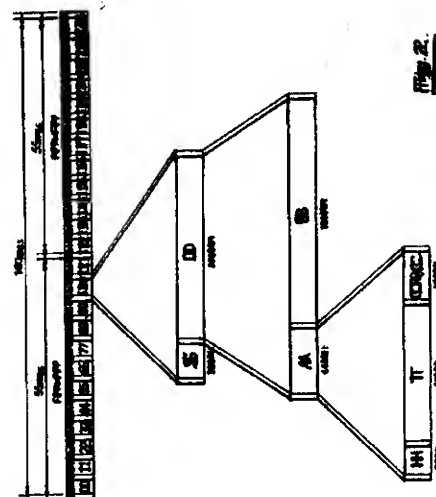
said second field (A) comprising in its turn the following subfields :

a first sub-field (H) consisting of an identification coding of the content of a second subsequent sub-field (T);

a second sub-field (T) where one of a pre-set number of logic channels is allocated;

a third sub-field (CRC) containing bits for the cyclic redundancy code;

said method being characterized in that it transmits data in said second field(A), disabling at the same time said third field(B).



Complete Specifications: 20 pages.

Drawings: 3 sheets

Ind. Cl. : 60D 193716  
Int. Cl. : A 44 B - 19/30, 19/26  
TITLE : "ZIPPER SLIDE OF ZIP FASTENER".  
APPLICANT : CHUNG CHWAN ENTERPRISE CO., LTD. OF NO. 151, KUNG ERH ROAD, WU LIN TSUEN, LUNG TAN HSIANG, TAO YUAN HSIEN, TAIWAN, R.O.C., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF TAIWAN, R.O.C.  
INVENTOR : 1. LIN YU - PAU.

APPLICATION NO. : 284/CAL/02 FILED ON 9 MAY 02.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENT RULES, 2003) PATENT OFFICE, KOLKATA.

#### 7 CLAIMS

A zipper slide (70) of a zip fastener installed in two zipper tapes and moved to close/open interlocking teeth of said zipper tapes, comprising:

a slide (20), said slide (20) comprising a front recessed hole (23), a rear through hole (24), and stop means (25) bilaterally disposed in said front recessed hole (23);

a hook plate (30) coupled to said slide (20), said hook plate (30) having a rear end terminating in a hook (31) for inserting into the rear through hole (24) of said slide (20) to engage the interlocking teeth of said zipper tapes, said hook (31) having at least one bevel face (34) at one side;

an elastic member (40) mounted in the front recessed hole (23) of said slide (20) and stopped at said hook plate (30) to force the hook (31) of said hook plate (30) into the rear through hole (24) of said slide (20);

a pull-tab (60) coupled to said hook plate (30); and a locating plate (50) stamped into the front recessed hole (23) of said slide (20) to hold said elastic member (40) and said hook plate (30) in place, said locating plate (50) having protruded portions (51) engaged with the stop means (25) of said slide (20).

Complete Specifications : 12 pages

Drawings : 8 sheets



Ind.Cl : 92 H

193717

Int. Cl<sup>7</sup> : B02B 3/00

Title : "POLISHED CEREAL PROCESSING APPARATS."

Applicant : SATAKE CORPORATION., OF 7-2, SOTO-KANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN, A JAPANESE COMPANY.

Inventor : 1. MUNESADA TAKESHI 2. KAWANO YUKIHIRO  
3. FUKIKAWA HIDEFUMI 4. UDA SYUJI.Application no. 49/CAL/02 FILED ON 25/01/02  
CONVENTION APPLIN. NO. 32953/2001 ON 08/02/01 IN JAPAN

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

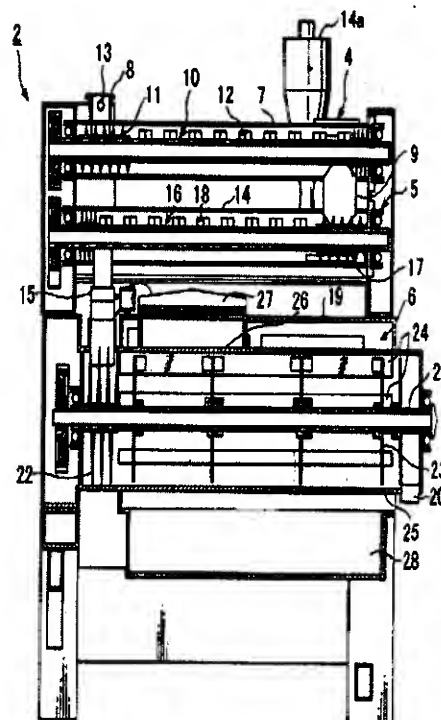
PATENT OFFICE KOLKATA.

**12. CLAIMS.**

A polished cereal processing apparatus comprising:

a polished cereal processing section for removing bran remaining on surfaces of polished cereal by mixing granular material, such as herein described, with the polished cereal so that the remaining bran is captured by the granular material, and separating the polished cereal with bran removed and the granular material with bran captured; and

a granular material reprocessing section for reprocessing the granular material with bran captured and feeding back the reprocessed granular material to said polished cereal processing section for recycling the granular material, said granular material reprocessing section including a screen tube for separating the granular material within a predetermined granularity range and a removing roller arranged to rotate in said screen tube for removing the bran captured on surfaces of the granular material fed into said screen tube.



Complete Specifications: 25 pages.

Drawings: 7 sheets

Ind.Cl : 32 193718

Int. Cl<sup>7</sup> : C08F 4/654

Title : "A PROCESS FOR PREPARING A SOLID TITANIUM CATALYST OF FOR HOMO-POLYMERIZATION AND CO-POLYMERIZATION OF  $\alpha$ -OLEFIN."

Applicant : SAMSUNG GENERAL CHEMICALS CO., LTD. A KOREAN COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF KOREA OF SAN 222-2, DOKGOD-RI, DAESAN-UP, SEOSAN-SHI, CHUNGNAM PROVINCE 356-870, KOREA.

Inventor : 1. YANG CHUN BYUNG 2. KIM MIE OCK.

Application no. IN/PCT/2002/00491 FILED ON 19/04/02  
CONVENTION APPLIN. NO. PCT/KR/00.637 ON 23/10/99 IN KOREA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 12 CLAIMS.

A process for preparing a solid titanium catalyst for homo-polymerization and co-polymerization of  $\alpha$ -olefin comprising the steps of :

- (i) preparing a magnesium compound solution by dissolving a magnesium halide compound and boronic halide or aluminum halide as a compound of group IIIA of the Periodic Table in a mixed solvent of cyclic ether having 2-15 carbon atoms, one or more types of alcohol containing 1-20 carbon atoms, a phosphorous compound which is represented by a general formula of  $PX_aR^1b(OR^2)_c$  or  $POX_dR^2e(OR^4)_f$ , wherein X stands for a halogen atom,  $R^1$ ,  $R^2$ ,  $R^3$ , or  $R^4$ , being same or different from one another, is a hydrocarbon having 1 to 20 carbon atoms, and wherein  $a+b+c=3$ ,  $0 \leq a \leq 3$ ,  $0 \leq b \leq 3$ ,  $0 \leq c \leq 3$ ,  $d+e+f=3$ ,  $0 \leq d \leq 3$ ,  $0 \leq e \leq 3$ , and  $0 \leq f \leq 3$ , and an organic silane which is represented by a general formula of  $R_nSiR^1_n$ , wherein R stands for a hydrogen, an alkyl, alkoxy, haloalkyl, or aryl group having 1 to 10 carbons ; or a halosilane or halosilyl alkyl group having 1 to 8 carbons ; and wherein  $R^1$  stands for OR or a halogen, and  $n=0-4$  ;
- (ii) reacting the magnesium compound solution with a titanium compound, a silicon compound, or the mixture thereof, and then precipitating the solid particles ; and
- (iii) reacting said precipitated solid particles with a titanium compound and an electron donor in a manner such as herein described.

Complete Specifications: 23 pages.

Drawings: NIL sheets

Ind.Cl : 116 H  
 Int.Cl : B66C 23/42, 23/74  
 Title : "TRANSPORTABLE CRANE."

193719

Applicant : GROVE U.S.LLC, A DELAWARE LIMITED LIABILITY COMPANY, OF 1565 BUCHANAN TRAIL EAST, P.O.BOX 21, SHADY GROVE, PENNSYLVANIA, 17256-0021, USA.

Inventor : 1. JOHN K SMITH 2. RAMESH P PATEL 3. HENRY D BARTHALOW.

Application no: 1790/CAL/97 FILED ON 24/09/97  
 CONVENTION APPLIN. NO: 60/026,607 ON 25/09/96 IN USA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

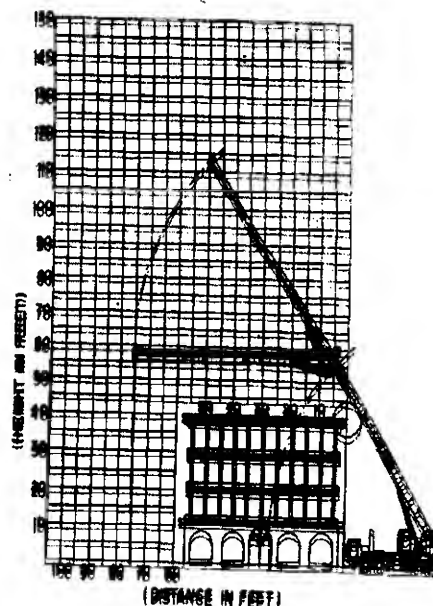
### 10 CLAIMS.

A transportable multi-purpose crane comprising:

a platform (50) having outriggers (52) disposed at opposite ends;

a turntable (54) rotatably mounted to said platform (50) between said outriggers (52) on opposite ends of said platform (50), and having a center axis of rotation (55);

a riser boom (56), having a first end and a second end, said first end being pivotally mounted to said turntable (54) said second end supporting a first load carrying member (83) said riser boom (56) pointing in a first direction with respect to said center axis of rotation (55), said riser boom (56) being a telescoping boom; an upper boom (64), having a first end and a second end, said first end being pivotally mounted to said second end of said riser boom (56) said second end supporting a second load carrying member (89) said upper boom (64) pointing in a second direction, opposite said first direction, with respect to said center axis of rotation (55), and said upper boom (64) being a telescoping boom, characterized in that said directional dispositions of said riser boom (56) and said upper boom (64) maintaining the center of gravity of the crane within said outriggers (52) on either end of the chassis and said riser boom serving as a counterweight when said second load carrying member (89) carries a load and in that said upper boom (64) serving as a counterweight when said first load carrying member (83) carries a load.



Complete Specifications: 21 pages.

Drawings: 13 sheets

Ind.Cl : 40A 193720  
 Int. Cl<sup>7</sup> : B01J 35/00  
 Title : "A CATALYTIC CONVERTER AND A PROCESS FOR PRODUCING SUCH A CATALYTIC CONVERTER."  
 Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, D-53797 LOHMAR, GERMANY, A GERMAN COMPANY.  
 Inventor : 1. ALFRED RECK 2. WOLFGANG MAUS 3. UWE SIEPMANN.

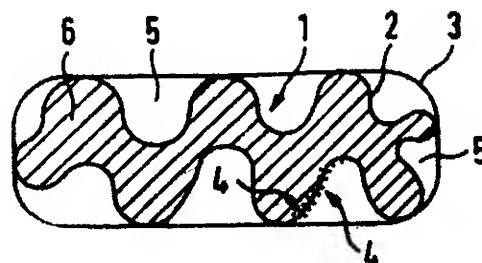
Application no. 146/CAL/98 FILED ON 28/01/98  
 CONVENTION APPLIN. NO. 1970 4689.4 ON 07/02/97 IN GERMANY

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

### 34 CLAIMS.

Catalytic converter (1;21,22,23,24,25;36;37) with a housing (3) for an exhaust gas system (17) of an internal combustion engine (16), in particular a small engine, wherein the catalytic converter (1;21,22,23,24,25;36,37) has at least one structured sheet (2;13) which is provided with a catalytically active material and which is wound and which forms passages (5) through which exhaust gas can flow and which at least partially bears against the housing (3), wherein closed passages (5) are formed by the structuring of the sheet (2,13) and the housing (3) or a sheet of a layer having a smooth and structured sheet, so that, as considered over a cross-section of the housing (3) a cross-sectional area which is bordered in by said closed passages (5) constitutes at least half of the total cross-sectional area of the housing (3) and wherein the catalytic converter (1; 21,22,23,24,25;36,37) has at most two layers (11), characterized in that the structured sheet (49) is wound inclinely around an at least partially curved elongate body (50).



**Complete Specifications: 28 pages.**

**Drawings: 6 sheets**

Ind.Cl : 6 B3 1937<sup>2</sup>  
 Int. Cl<sup>7</sup> : B07B 7/083  
 Title : SEPARATOR WHEEL FOR AN AIR SEPARATOR  
 Applicant : PMT-GESTEINSVERMAHLUNGSTECHNIK POWDER MAKER  
 TECHNOLOGIES GMBH ZELTWEGE STRASSE 30, A-  
 8741, WEISSKIRCHEN, (STEIERMARK), AUSTRIA.  
 Inventor : 1. KEUSCHNIGG JOSEF 2. ROTH JURGEN

Application no. : 1259/CAI/97 FILED ON 01.07.1997

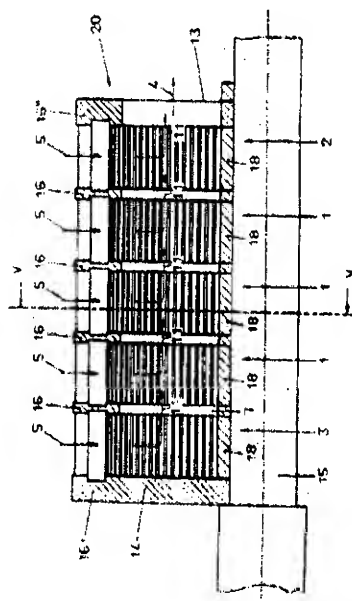
CONVENTION APPLN NO. A1205/96 ON 08.07.96 IN AUSTRIA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 17 CLAIMS.

Separator wheel (20) for an air separator which on its periphery has channels (12) through which separation air loaded with fine and coarse particles flows through the separator wheel from the outside to the inside and in which the separation air loaded with fine particles is discharged in the axial direction from the separator wheel, characterized in that the channels (12) in axially different radial planes have different angles ( $\alpha$ ) to the radial direction of the separator wheel.



Complete Specifications : 13 pages.

Drawings: 4 sheets

Ind. Cl. :129J

193722

Int. Cl<sup>7</sup> :F27B 15/20

Title :AN ELECTRONIC INSTRUMENT FOR DETECTING THE PASSAGE OF  
WELDED JOINTS IN STEEL SHEETS DRAWN THROUGH THE NIP OF  
LEVELER ROLLS.

Applicant : STEEL AUTHORITY OF INDIA LTD. ISPAT BHAWAN, LODI ROAD,  
NEW DELHI 110003.

Inventor : 1. CHAUHAN AVADHESH SINGH 2. ILANGO VAN SHANMUGAM  
3. KHAN SUSHIL CHANDRA

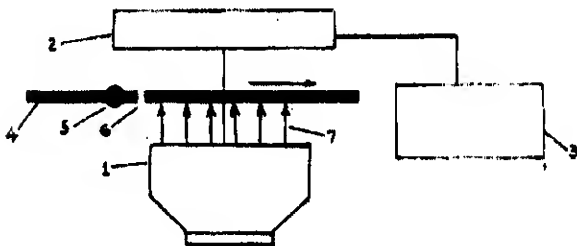
Application no. 2000/CAL/1997 FILED ON 24.10.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 7 CLAIMS.

An electronic instrument for detecting the passage of welded joints in steel sheets in the form of coils drawn continuously through the nip of leveller rolls and increasing the gap at the nip to prevent breakage of the joints, characterised in that the instrument comprises a source of light energy (1), such as herein described, a detector (2) of light energy, such as herein described, and an electronic amplifier (3) with associated light emitting diode (LED3), a relay (RL1), and a contactor (D), such as herein described.



Complete Specifications : 8 pages.

Drawings: 2 sheets

Ind.Cl :206G 193723  
Int. Cl<sup>7</sup> :H03M 7/00  
Title :AN APPARATUS FOR ADAPTIVELY CODING A CONTOUR OF AN OBJECT  
Applicant :DAEWOO ELECTRONICS CORPORATION 686 AHYEON-DONG,  
MAPO-GU, SEOUL, KOREA,  
Inventor : KIM HUN JIN

Application no. 1090/CAL/97 FILED ON 10/06/97.

CONVENTION APPLN NO. 97-13367 ON 11.04.97 IN SOUTH KOREA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

#### 4CLAIMS.

1. An apparatus for adaptively coding a contour of an object in a current image frame based on a previous image frame, wherein the respective current and the previous image frames include one or more object, each of the objects having a contour, comprising:

a contour detection unit (100) for detecting contours from a contour image signal;

a motion estimation unit (300) comprising a global motion vector detection block (310), a predicted contour image generation block (320), and an optimum contour detection block (330),

wherein the global motion vector detection block (310) detecting a global motion vector (GMV), which yields a largest number of object pixels overlapping with each other, based on a previous contour image signal and a contour image signal,

the predicted contour image generation block (320) producing a predicted contour image, and

the optimum contour detection block (330) detecting an optimum contour, which is a predicted contour most similar to the current contour, among predicted contours residing within a preset search range and outputting a

*Complete Specifications : 20 pages.*

*Drawings: 7 sheets*



Ind.Cl :31D 193724

Int. Cl<sup>7</sup> :G 06K 19/00

Title :CHIP CODULE, IN PARTICULAR FOR IMPLANTATION IN A CHIP CARD BODY

Applicant : SIEMENS AKTIENGESELLSCHAFT  
WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY.

Inventor :1. DR HOUDEAU DETLEF 2. STAMPKA PETER 3. HUBER MICHAEL  
4.HEITZER JOSEF

Application no. 1751/CAL/97 FILED ON 22.09.97

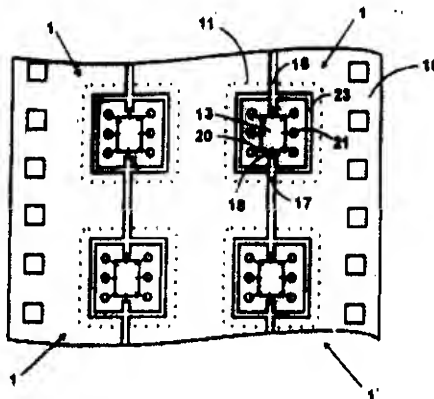
CONVENTION APPLN NO.19640304.9 ON 30.9.96 IN GERMANY.

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

Chip module, in particular for implantation in a chip card body (25), having a carrier (10) and a chip (13) fitted on the carrier, characterized in that there is provided, on the carrier, a base-like elevation (23) running wholly or partly around the chip and electric conductor tracks (16,17) and/or contact areas (19), said electric conductor tracks (16,17) and/or said contact areas (19), at points where they encounter the elevation (23), are a constituent part of the elevation.



**FIG 1**

*Complete Specifications : 19 pages.*

*Drawings: 2 sheets*

Ind.Cl : 206E 193725

Int. Cl<sup>7</sup> : G 11B 7/00, G11B 7/00, G11B 20/12, G11 B 27/30

Title : OPTICAL DISC OPTICAL DISC DEVICE AND RECORDING METHOD OF OPTICAL DISC

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO LTD 1006, OAZA KADOMA , KADOMA-SHI, OSAKA 571 JAPAN.

Inventor : 1.ISHIDE TAKASHI 2.KUBOTA SHINJI 3. SHOJI MAMORU 4.ISHIDA SHINJI

Application no. 1877/CAL/97 FILED ON 6.10.97  
CONVENTION APPLN NO. 8-265876 & 8-269580 ON 7.10.96  
&11.1096 IN JAPAN.

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*  
*PATENT OFFICE KOLKATA.*

**21. CLAIMS.**

An optical disc having a plurality of sectors, each of one of said sectors, sequentially comprising a guard data recording field for recording guard data, a data recording field containing a synchronous signal and following user data, the guard data in said guard data recording field being the same as a recording pattern of the synchronous signal, and the phase of the recording pattern being continuous at the boundary of said guard data recording field and said data recording field.

*Complete Specifications : 32 pages.*

*Drawings: 19 sheets*

Ind.Cl : 206E

193726

Int.Cl<sup>7</sup> : G01R 31/00

Title : A MECHANISM AND METHOD FOR ATTACHING A DEVICE INTERFACE BOARD (DIB) TO A SURFACE OF A TEST HEAD OR PERIPHERAL AND A METHOD FOR TESTING ELECTRONIC DEVICES USING A TESTER AND A PERIPHERAL

Applicant : TERADYNE INC 321 HARRISON AVENUE BOSTON MA02118  
USA

Inventor : 1. CHRISTOPHER J BRUNO 2. MARK J ESTRELLA 3. MARK S  
O'BRIEN

Application no. 681/CAL/2003 FILED ON 28.5.03  
CONVENTION APPLN NO.60/253916 & 09/966874 ON 29.11.2000 &  
28.9.2001 IN USA.

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**23 CLAIMS.**

**A mechanism for attaching a DIB to a surface of a test head or peripheral,  
comprising:**

**first and second pulldown mechanisms, each attached to the surface and having  
a rotating member coupled to at least one connecting member for attaching to the DIB,  
wherein a rotation of the rotating member induces a vertical movement of the at least one  
connecting member; and**

**a substantially U-shaped actuator having first and second ends coupled to the  
rotating members of the first and second pulldown mechanisms,**

**wherein a movement of the U-shaped actuator through an arc rotates the rotating  
members of the first and second pulldown mechanisms, thereby causing the connecting  
members to move vertically.**

Complete Specification : 20 Pages

Drawings : 6 Sheets



Ind. Cl. : 128K 193727  
Int. Cl.<sup>7</sup> : B 29 C 37/02  
TITLE : : CATHETER BEVELING AND DIE CUT PROCESS.  
APPLICANT : JOHNSON & JOHNSON MEDICAL, INC. 2500 ARBROOK BLVD,  
ARLINGTON, TEXAS 76004, USA.  
INVENTOR : 1. BROWN RONALD C.  
2. CHANG JOSEPH J.  
3. BIALECKI DENNIS.

APPLICATION NO. : 1742/CAL/97 FILED ON 19 SEPTEMBER 97.

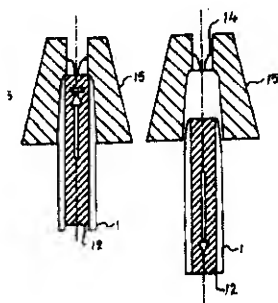
CONVENTION APPLN. NO. 08/773938 ON 30 DECEMBER 96 IN USA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENT RULES, 2003)  
PATENT OFFICE, KOLKATA.

### 10 CLAIMS

A process for beveling a tip of an intravenous catheter comprising the steps of :

- (a) placing a tubular catheter over a first mandrel with said first mandrel extending beyond the tip of the catheter to be beveled;
- (b) heating a mold having a tapered inner mold surface;
- (c) inserting the catheter carrying first mandrel into said mold to engage the material of the catheter with said tapered inner mold surface;
- (d) allowing the material to melt and flow on said tapered inner mold surface to form a predetermined beveled outer surface of the catheter tip with flash extending beyond the beveled catheter tip;
- (e) removing said first mandrel from the catheter in said mold;
- (f) inserting a second mandrel of a larger diameter into the catheter in said mold; and
- (g) advancing said second mandrel until a portion of said second mandrel engages said mold to cut the flash from the beveled catheter tip.



Ind.Cl : 31, 206E 193728

Int.Cl<sup>7</sup> : H01L 25/00 27/00 21/78

Title : INTEGRATED CIRCUIT WITH AN OPERATION MODE SELECTOR LINE

Applicant : SIEMENS AKTIENGESELLSCHAFT WITTELSBACHERPLATZ 2 80333 MUNCHEN, GERMANY.

Inventor : FIBRANZ HEIKO

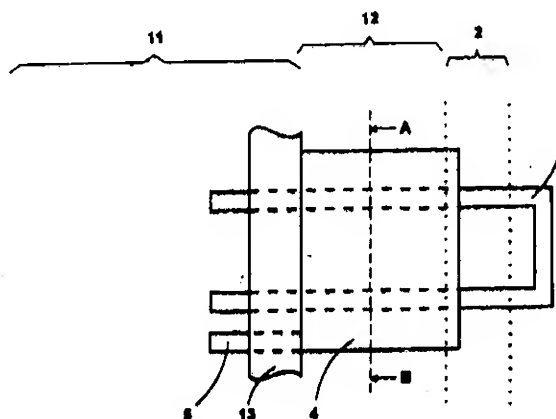
Application no. 1515/CAL/97 FILED ON 18.8.97 .  
CONVENTION APPLN NO.19633549.3 ON 20.8.97 IN GERMANY

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**7 CLAIMS.**

Integrated circuit (1) with an operation mode selector line (3), with which the integrated circuit can be transferred into a testing and/or initialization operation mode, characterized in that there is an electrically conductive protective layer (4) above said operation mode selector line, which also partly covers it, and in that said operation mode selector line (3) and said protective layer (4) are separated from one another by at least one insulating layer (16).



**Complete Specifications : 12 pages.**

**Drawings: 3 sheets**

Ind.Cl : 69I 193729

Int. Cl<sup>7</sup> : H01H 3/34 3/42

Title : CAM-OPERATED TIMER BLADE SWITCH

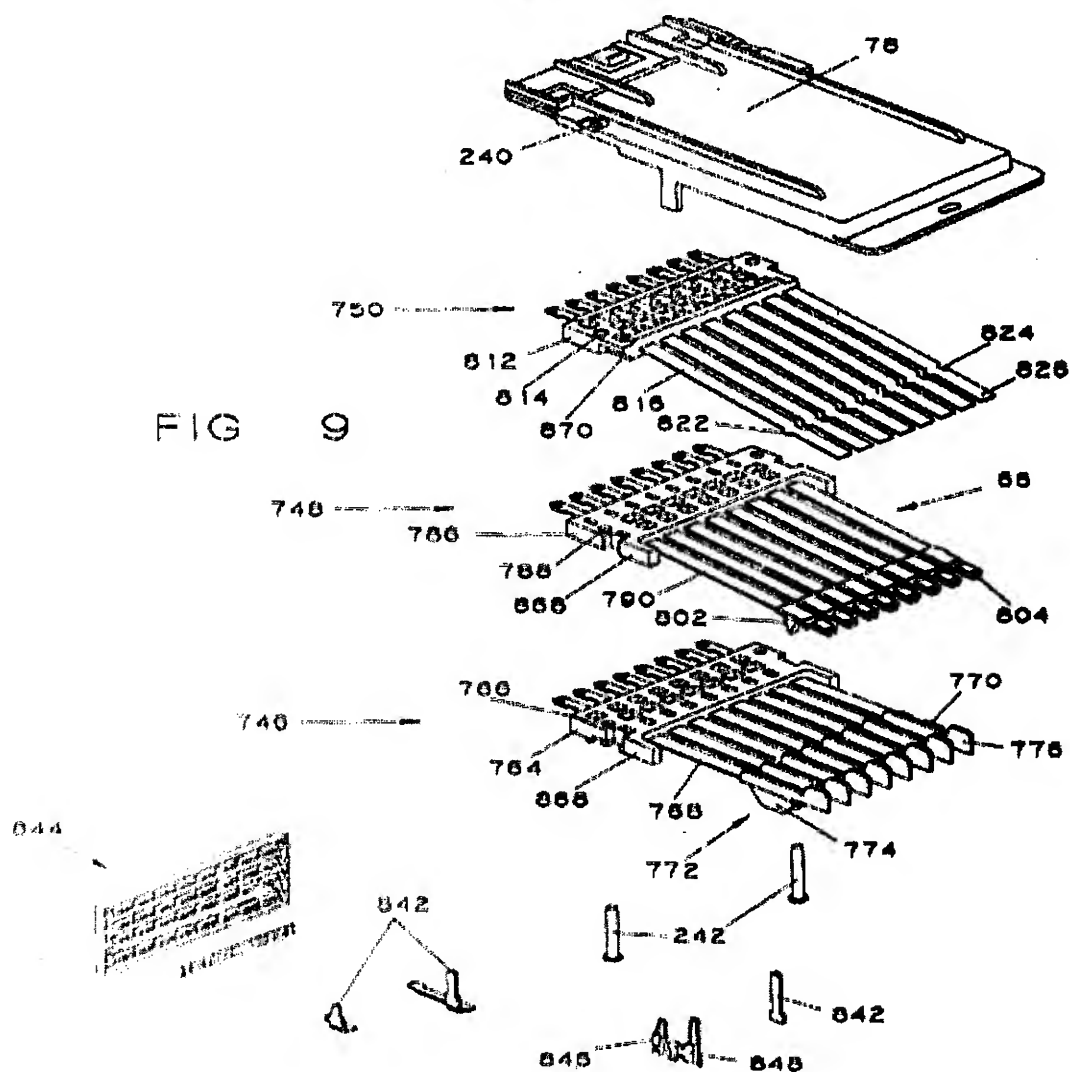
Applicant : EMERSON ELECTRIC CO. 8000, WEST FLORISSANT, ST. LOUIS MISSOURI 63136, USA.

Inventor : 1AMONETT DANIEL KEITH 2. BURGIN HENRY EARL

Application no 961/CAL/97 FILED ON 26.5.97  
CONVENTION APPLN NO.08/653875 ON 28.5.96 IN USA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
PATENT OFFICE KOLKATA.

**23 CLAIMS.**



A cam-operated timer blade switch, comprising:

- (a) a housing;
- (b) a camstack carried for rotation in the housing having at least one program blade with a predetermined appliance program;
- (c) at least one blade switch mounted on the housing having a stationary terminal end, a moveable contact end, an upper blade, a lower blade, and a cam-follower blade having a cam-follower blade top surface and a cam follower blade bottom surface;
- (d) an upper blade contact attached to the upper blade on the moveable contact end placed in working relation to the cam-follower blade top surface;
- (e) a lower blade contact attached to the lower blade on the moveable contact end placed in working relation of the cam-follower blade bottom surface;
- (f) a cam-follower attached to the cam follower blade bottom surface responsive to the camstack program blade to displace the cam-follower blade according to the predetermined appliance program; and
- (g) cam-follower contacts attached to the cam follower blade wherein the cam-follower contacts are staggered in relation to the cam-follower blade top surface and the cam-follower blade bottom surface.

***Complete Specifications : 113 pages.***

***Drawings: 13 sheets***

Ind.Cl : 139, 208 193730  
Int. Cl<sup>7</sup> : C09C 1/48 1/56 C08K 3/00 C09D 11/00  
Title : CARBON BLACK AGGREGATE  
Applicant : MITSUBISHI CHEMICAL CORPORATION 5-2, MARUNOUCHI  
2- CHOME CHIYODA-KU, TOKYO 100 JAPAN  
Inventor : 1. YOSHIHIRO OMAE, 2. SYUSHICHI HOSHIMURA 3. MICHIIHIRO  
IKEDA 4. TADASHI HASHIGUCHI, 5. AKIYOSHI OHNISHI 6.  
SHUUHEI TAOHATA  
Application no. 2059/CAL/1997 FILED ON 31.10.97 CONVENTION APPLN NO 8-  
290153 ON 31.10.96 IN JAPAN.

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**13 CLAIMS.**

A carbon black aggregate, such as herein described having a surface hardness of at least 70 g and having a covering, such as herein described.

*Complete Specifications : 119 pages.*

*Drawings: NIL sheets*



**Cessation of Patents**

173031

**PATENTS SEALED ON 09-07-2004/KOLKATA**

191841 191853 191856 191878 191879 191889 191899 191900 191902 191905 191908 191910 191976  
191980

**PATENTS SEALED ON 30-06-2004/CHENNAI**

191545 191549 191558 191711 191713 191715 191716 191717 191718 191719

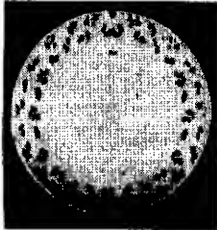
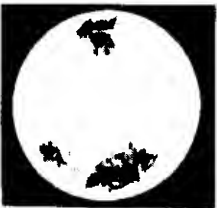


**PATENTS SEALED ON 30.06.2004/DELHI**


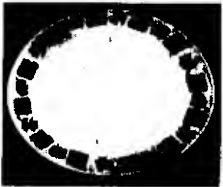



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191495 191497 191499 191501 191505 191506 191507 191514 191515 191516 191518 191519 191575  
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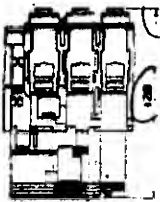
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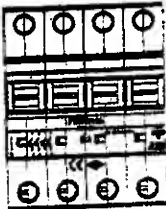

The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)


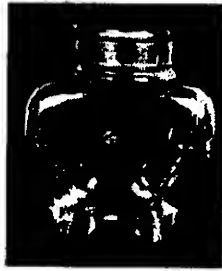



The dates shown in the following each entry is the date of registration.






<b>Class</b>	<b>07-01</b>	No.193054. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
<b>Class</b>	<b>07-01</b>	No.193059. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
<b>Class</b>	<b>07-01</b>	No.193051. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
<b>Class</b>	<b>07-01</b>	No.193058. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	






Class	07-01	No.193062. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	07-01	No.193064. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	07-01	No.193063. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	07-01	No.193053. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	12-11	No.194326. SUZUKI MOTOR CORPORATION, OF 300 TAKATSUKA-CHO HAMAMATS-USHI, SHIZUOKA-PREF., JAPAN, "MOTOR SCOOTER" 22.07.2003 (RECIPROCITY, JAPAN)	

Class	07-01	No.193066. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	07-01	No.193067. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	07-01	No.193052. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	13-03	No.193240. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "CONDUCTOR" 15.09.2003	
Class	13-03	No.193238. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "CONDUCTOR" 15.09.2003	






Class	13-03	No.193235. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "AUTOMATIC FUSE" 15.09.2003	
Class	13-03	No.193232. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "SWITCHES" 15.09.2003	
Class	13-03	No.193233. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "THERMIC RELAYS" 15.09.2003	
Class	13-03	No.193234. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "AUTOMATIC FUSE" 15.09.2003	
Class	07-01	No.193065. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 <sup>TH</sup> FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	

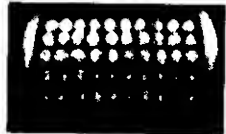




Class	13-99	No.193098. HOLE-IN-THE-WALL EDUCATION LIMITED, 2 <sup>ND</sup> FLOOR, SYNERGY BUILDING, IIT CAMPUS, HAUZ KHAS, NEW DELHI-110016, "ELECTRICITY TRAINING KIT" 01.09.2003	
Class	09-01	No.193089. PREM MARKETING, OF 3, BHASKAR SMRUTI, FRIER BRIDGE, LOW LEVEL SOUTH, NANA CHOWK, GRANT ROAD, (WEST), MUMBAI-400007, MAHARASHTRA, INDIA. "PET JAR" 02.09.2003	
Class	09-03	No.193155. M/S. ANAND AGENCY, INDIAN NATIONAL, 4, NAYAPURA, INDORE, MADHYA PRADESH, INDIA. "CONTAINER/CUP" 09.09.2003	
Class	18-04	No.193088. "HARBHAJAN SINGH & CO. OF 308- INDUSTRIAL FOCAL POINT, MEHTA ROAD, AMRITSAR (PUNJAB) INDIA. "LOOP STITCHING MACHINE" 02.09.2003	
Class	09-01	No.193016. SNS DETERGENTS PRIVATE LIMITED, AT 3GA, GLEN MORE APARTMENTS, SRI RAM NAGAR NORTH STREET, ALWARPET, CHENNAI: -600 018, T.N., INDIA. "CONTAINER" 27.08.2003	


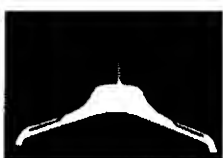

<b>Class</b>	<b>02-04</b>	<b>No.194584. GURU NANAK INDUSTRIES, AN INDIAN PROPRIETORSHIP FIRM OF 7<sup>TH</sup> MILE STONE, NEAR SABJI MANDI, AGRA-MATHURA ROAD, AGRA-282007, U.P. INDIA "SOLE FOR FOOTWEAR" 17.02.2004</b>	
<b>Class</b>	<b>02-04</b>	<b>No.194585. GURU NANAK INDUSTRIES, AN INDIAN PROPRIETORSHIP FIRM OF 7<sup>TH</sup> MILE STONE, NEAR SABJI MANDI, AGRA-MATHURA ROAD, AGRA-282007, U.P. INDIA "SOLE FOR FOOTWEAR" 17.02.2004</b>	
<b>Class</b>	<b>02-04</b>	<b>No.194582. M/S, BABA POLYMERS AT G-37, MUSTJAB QUARTERS, AGRA CANTT. AGRA. (U.P.) INDIA; "SOLE OF FOOTWEAR" 16.02.2004</b>	
<b>Class</b>	<b>11-02</b>	<b>No.193886. STONE MASTER, AT 8, LODHA ESTATE, BEHIND MITTAL INDUSTRIAL ESTATE NO.5, MAROL NAKA, ANDHERI-KURLA ROAD, ANDHERI(E), MUMBAI:-400 059, MAHARASHTRA, INDIA "MARBLE MANDIR" 25.11.2003</b>	
<b>Class</b>	<b>28-03</b>	<b>No.194041. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA. "MEDIUM TWIN BALL MASSAGER" 18.12.2003</b>	

Class	28-03	No.194044. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA. "MINI SPUTNIK MASSAGER" 18.12.2003	
Class	04-01	No.194260. RECKITT BENCKISER INC., OF 1655 VALLEY ROAD, WAYNE, NEW JERSEY 07474, U.S.A. "CLEANING BRUSH" 18.07.2004. (RECIPROCITY, U.K.)	
Class	28-03	No.194043. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA. "MINI HAND AND FOOT ROLLER" 18.12.2003	
Class	28-03	No.194042. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA. "SATELLITE HAND MASSAGER" 18.12.2003	
Class	28-03	No.194038. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA. "REFLEXOLOGY ROLLER" 18.12.2003	



Class	22-06	No.194035. BOMBAY CHEMICALS PVT. LTD, OF 5TH FLOOR, KALPATARU HERITAGE, NANIK MOTWANE LANE, M. G. ROAD, FORT, MUMBAI-400023, MAHARASHTRA, INDIA, "MOSQUITO COIL" 18.12.2003	
Class	28-03	No.194039. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA. "NEW BEADED FOOT ROLLER" 18.12.2003	
Class	28-03	No.194779. CRYSTAL PLASTICS & METALLIZING PVT. LTD., AT SANGHI HOUSE, PALKHI GALLI, OFF VEER SAVARKAR MARG, PRAVHADEVI, MUMBAI:- 400 025, MAHARASHTRA, INDIA. "COMB" 08.03.2004	
Class	28-03	No.194780. CRYSTAL PLASTICS & METALLIZING PVT. LTD., AT SANGHI HOUSE, PALKHI GALLI, OFF VEER SAVARKAR MARG, PRAVHADEVI, MUMBAI:- 400 025, MAHARASHTRA, INDIA. "COMB" 08.03.2004	
Class	28-03	No.194037. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA. "BACK SCRATCHER" 18.12.2003	

Class	28-03	No.194040. TEDDY EXPORTS, OF TENKASI ROAD, P.O. BOX NO.25, TIRUMANGALAM 625706, MADURAI DISTRICT, INDIA. "BEADED FOOT ROLLER" 18.12.2003	
Class	02-04	No.194613. BATA INDIA LIMITED, AT 6A S.N. BANERJEE ROAD, KOLKATA: -700 013, W.B., INDIA. "FOOTWEAR" 19.02.2004	
Class	02-04	No.194598. BATA INDIA LIMITED, AT 6A S.N. BANERJEE ROAD, KOLKATA: -700 013, W.B., INDIA. "FOOTWEAR" 19.02.2004	
Class	02-04	No.194596. BATA INDIA LIMITED, AT 6A S.N. BANERJEE ROAD, KOLKATA: -700 013, W.B., INDIA. "FOOTWEAR" 19.02.2004	
Class	02-04	No.194595. BATA INDIA LIMITED, AT 6A S.N. BANERJEE ROAD, KOLKATA: -700 013, W.B., INDIA. "FOOTWEAR" 19.02.2004	

<b>Class</b>	<b>07-02</b>	No.194713. INDIA INTERNATIONAL OF G-1/37, G.T. KARNAL ROAD, INDUSTRIAL AREA, AZADPUR, DELHI-110033, INDIA. "PRESSURE COOKER" 03.03.2004	
<b>Class</b>	<b>25-03</b>	No.193697. KHANNA ENTERPRISES, OF B-65, SECTOR-60, PHASE-III, NOIDA-201303, UP, INDIA, "HANGER" 13.11.2003	
<b>Class</b>	<b>02-04</b>	No.194606. BATA INDIA LIMITED, AT 6A S.N. BANERJEE ROAD, KOLKATA: -700 013, W.B., INDIA. "FOOTWEAR" 19.02.2004	

Dr. S. N. MAITY  
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